



S.No.	DESCRIPTION	MATERIAL
1	Body	ASTM A216 Gr. WCB
2	Seat Ring	ASTM A105 + Stellite
3	Disc	ASTM A217 Gr. CA15
4	Stem	ASTM A182 Gr. F6a
5	Bonnet	ASTM A216 Gr. WCB
6	Gasket	Corrugated soft steel with Graphite Filler
7	Stud	ASTM A193 Gr. B7
8	Hex. Nut	ASTM A194 Gr. 2H
9	Bonnet Bush	ASTM A276 Type 410
10	Packing	Die Moulded Graphite Packing with Braided End Rings
11	Gland	ASTM A276 Type 410
12	Gland Flange	ASTM A105
13	Stud	ASTM A193 Gr. B7
14	Hex. Nut	ASTM A194 Gr. 2H
15	Lock Nut	ASTM A194 Gr. 2H
16	Yoke Sleeve	ASTM B148 UNS C95400
17	Handwheel	IS:1865 Gr. SG 400 / 15
-	Identification Plate	Stainless Steel

STANDARDS	
Design	API 600
Pressure Temp. rating	ASME B16.34
Face to Face	ASME B16.10
End Flange Dimension & Drilling	ASME B16.5 RF
Testing	API 598

TESTS AND TEST PRESSURE (bar)		
Shell	Hydrostatic	30
Seat		22
Back Seat	Air	6
Seat		

Size	A	B	BD	C	Weight, kg (Approx.)
3"	203	486	558	250	31.5
4"	229	591	720	250	47

CUSTOMER :

PROJECT :

LARSEN & TOUBRO LIMITED	
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TITLE CAST STEEL GATE VALVE GENERAL ASSEMBLY	
SIZE : SEE TABLE	CLASS : 150 TRIM : 8
REV 1 DATE 02.11.11 ALT.NO -- SIG. CV	DRG. No. : LTR0037 REV 1 SHEET 1 OF 1

△ INDICATES CRUCIAL FEATURE
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN mm.
ALL PROJECTIONS ARE THIRD ANGLE.
ALL SHARP EDGES ARE TO BE REMOVED

DRAWN	AP
CHECKED	SB
APPROVED	RM
DATE	17.06.2010
REV	DATE ALT.NO SIG. SCALE NTS